

**A WAVELENGTH LOCKING PACKAGE EMPLOYING
A STACKED DIELECTRIC FILTER**

ABSTRACT OF THE DISCLOSURE

The present invention provides, in one embodiment, a wavelength locking package comprising a stacked dielectric filter. The filter's light repeating transmission profile, comprising a positive and negative slope, facilitate locking the laser at any one of a plurality of wavelengths. Such wavelength locking packages may be advantageously used in optoelectric telecommunication systems.